

NPIC/R-1656/64 December 1964

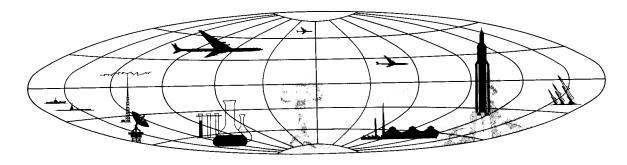
IPIR

MISSION 3978

18 DECEMBER 1964



NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1 Excluded from automatic downgrading and declassification

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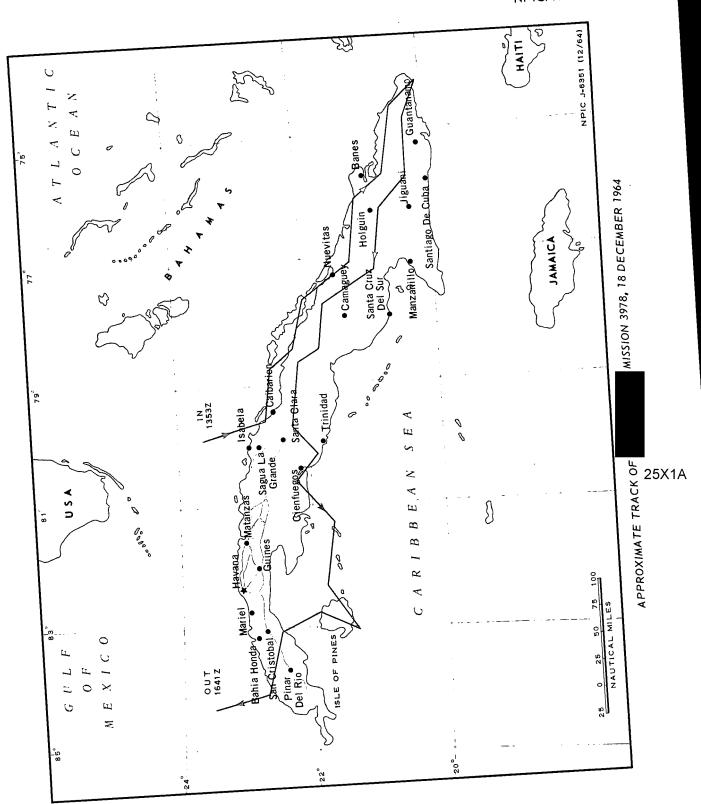
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25X1A PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM THE MISSION 3978, DATED 18 DEC 1964. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS —— C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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25X1A

MISSILES

CAIBARIEN SAM SITE 2228N Ø7929W

SIX UNREVETTED LAUNCHERS (ONE PROBABLY WITH MISSILE), 6 MISSILE TRANSPORTERS, (2 ON OUTER SERVICE ROAD AND 4 CANVAS-COVERED PROBABLE TRACKED PRIME MOVERS, ONE ROW OF CANVAS-COVERED PROBABLE VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

SIGUANEA SAM SITE 2137N 08257W

SIX LAUNCHERS (5 REVETTED AND 2 CANVAS-COVERED),
15 MISSILE TRANSPORTERS (ONE ADJACENT TO LAUNCHER AND
4 CANVAS-COVERED), AT LEAST 11 TRACKED PRIME MOVERS,
4 CARGO TRUCKS, 2 TRUCK-MOUNTED CRANES, 6 OTHER
VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH
RADAR AND SHED-COVERED EQUIPMENT OBSERVED IN
CLOUD-FREE AREAS.
AREA SSE -- AT LEAST 7 TRACKED PRIME MOVERS AND
5 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.
AREA NW -- 7 CARGO TRUCKS, 12 PROBABLE MORTARS, AND
6 VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

25X1D

25X1A

SANTIAGO DE CUBA SAM SITE 1959N Ø755ØW

AT LEAST 5 UNREVETTED LAUNCHERS, 6 PROBABLE MISSILE TRANSPORTERS, NUMEROUS OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.
NO APPARENT CHANGE IN FACILITIES.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

AT LEAST 21 MISSILE TRANSPORTERS AND AN UNDETERMINED NUMBER OF OTHER VEHICLES OBSERVED.

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NO APPARENT CHANGE IN FACILITIES. OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

NINETEEN MISSILE TRANSPORTERS, 5 TRACTOR-TRAILER TRUCKS, 17 OTHER VEHICLES, AND NUMEROUS MISSILE CANNISTERS OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

MALDONADO SAM SITE 2012N 07528W

SIX REVETTED LAUNCHERS, AT LEAST 4 MISSILE TRANSPORTERS IN CANVAS-COVERED HOLD REVETMENT, 10 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 7 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND SHED-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

HOLGUIN SAM SITE 2052N 07627W

SIX UNREVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS, 12 TRACKED PRIME MOVERS, 9 CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

NUEVITAS SAM SITE 2 2132N Ø7717W

SIX UNREVETTED LAUNCHERS (3 WITH MISSILES), 7 CANVAS-COVERED MISSILE TRANSPORTERS, 5 CARGO TRUCKS, AND A GUIDANCE AREA WITH RADAR, 7 VAN TRAILERS, AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED. THE TWO 3-GUN AAA SITES APPEAR UNOCCUPIED. NO APPARENT CHANGE IN FACILITIES.

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25X1D

25X1A

PRESTON SAM SITE 2044N 07538W

SIX REVETTED LAUNCHERS (2 WITH MISSILES),
7 MISSILE TRANSPORTERS, 11 TRACKED PRIME MOVERS,
7 CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, 3 POSSIBLE
VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 4 VAN
TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

SIGUANEA CRUISE-MISSILE SITE 2137N Ø8258W

TWO REVETTED LAUNCHERS (ONE CANVAS-COVERED), 5 CANVAS-COVERED MISSILE TRANSPORTERS, 8 CRUISE-MISSILE CRATES, 5 PRIME MOVERS, 5 OTHER VEHICLES, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED.

25X1D

25X1A

BANES CRUISE-MISSILE SITE 2058N 07538W

TWO UNREVETTED LAUNCHERS, AT LEAST 4 MISSILE TRANSPORTERS, AT LEAST 30 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. NO APPARENT CHANGE IN FACILITIES. OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

SANTIAGO DE CUBA CRUISE-MISSILE STORAGE 2004N 07551W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-SIX CRUISE-MISSILE CRATES OBSERVED.

25X1D

25X1A

MAYARI ARRIBA CRUISE-MISSILE ACTIVITY 2027N 07531W

TWENTY-TWO CRUISE-MISSILE CRATES, 5 CRUISE-MISSILE-RELATED VEHICLES, 11 PROBABLE TRACTOR-TRAILER TRUCKS,

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ONE TRACKED PRIME MOVER, 40 CARGO TRUCKS, 2 VAN TRUCKS, 7 UTILITY TRUCKS, 4 TRUCK-MOUNTED CRANES, AND 7 OTHER VEHICLES OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 20 FAGOT/FRESCO, ONE LIAISON, AND 8 HOUND.

25X1D

25X1A

LOS CANOS AIRFIELD 2005N 07509W

NO AIRCRAFT OBSERVED.

25X1D

25X1A

SIGUANEA AIRFIELD 2138N Ø8257W

NO AIRCRAFT OBSERVED.

25X1D

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25X1A

ANTONIO MACEO AIRFIELD 1958N Ø755ØW

AIRCRAFT -- ONE COOT, ONE CRATE, ONE C-47, ONE COLT, AND 2 LIAISON.

25X1D

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NPIC/R-1656/64 25X1A COLONEL MARTIN MARRERRO AIRFIELD 2150N 08246W AIRCRAFT -- ONE CRATE. THE 6-GUN AAA SITE REMAINS OCCUPIED. ,25X1D 25X1A JAIME GONZALES AIRFIELD 2209N 08024W NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS. 25X1D 25X1A PINAR DEL RIO AIRFIELD 2225N Ø834ØW AIRCRAFT -- ONE COLT, 2 LIAISON, AND 2 HOUND. 25X1D 25X1A CAIBARIEN AIRFIELD 2230N 07928W AIRCRAFT -- ONE PROBABLE LIAISON OBSERVED IN CLOUD-FREE AREAS. 25X1D 25X1A BARACOA AIRFIELD NORTHWEST 2021N 07430W NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS. HEAVY CLOUDS LIMIT INTERPRETATION. 25X1D 25X1A NAVAL ACTIVITY/PORTS SIGUANEA NAVAL BASE 2136N Ø8258W VESSELS -- 2 YP AND ONE YACHT. 25X1D

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25X1A

■ BANES NAVAL BASE 2055N 07542W

NO NAVAL CRAFT OR OTHER VESSELS OBSERVED.

25X1D

25X1A

CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- ONE PCE, 8 P-6 MTB, ONE YP, AND ONE PROBABLE LARGE FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

SANTIAGO DE CUBA NAVAL BASE AND PORT 2001N 07550W

VESSELS -- 5 LARGE FREIGHTERS AND 2 LARGE TANKERS.

25X1D

25X1A

NUEVITAS PORT 2132N Ø7715W

VESSELS -- 2 LARGE FREIGHTERS AND ONE COASTAL

FREIGHTER.

25X1D

25X1A

NUEVA GERONA PORT 2153N Ø8248W

VESSELS -- ONE LARGE FREIGHTER ANCHORED OFF THE NORTH COAST OF THE ISLE OF PINES.

25X1D

25X1A

CAIBARIEN PORT 2231N Ø7928W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

CASILDA PORT 2145N Ø7959W

NO LARGE VESSELS OBSERVED.

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25X1D

25X1A

■ BAHIA HONDA PORT 2255N Ø831ØW

NO LARGE VESSELS OBSERVED.

25X1D

25X1A

PUERTO PADRE PORT 2113N Ø7632W

NO LARGE VESSELS OBSERVED.

25X1D

25X1A

MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

AREAS 1 AND 2 -- 75 PERCENT USEABLE COVERAGE.

AREA 3 -- 80 PERCENT USEABLE COVERAGE.

AREA 4 -- 10 PERCENT USEABLE COVERAGE.

AREA 5 -- 85 PERCENT USEABLE CUVERAGE.

AREA 6 -- 90 PERCENT USEABLE COVERAGE.

AREA 7 -- 50 PERCENT USEABLE COVERAGE.

AREAS 8 AND 9 -- 40 PERCENT USEABLE COVERAGE.

25X1D

25X1A

HOLGUIN MILITARY CAMP 2053N 07613W

NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS. MAIN CAMP -- 18 TANKS/SP GUNS, APPROXIMATELY 90 OTHER VEHICLES, AND 15 UNIDENTIFIED PIECES OF EQUIPMENT. CAMP 0.6 NM SE -- IDENTIFICATION ONLY.

CAMP 2.2 NM SE -- 6 CARGO TRUCKS.

25X1D

25X1A

OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.

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THIRTY TANKS/SP GUNS, 81 CARGO TRUCKS, 3 VAN TRUCKS, 24 UNIDENTIFIED VEHICLES, 36 FA PIECES, 36 FA PIECES OR MORTARS, 6 MORTARS, AND 19 POSSIBLE MORTARS OBSERVED.

25X1D

25X1A

REMEDIOS MILITARY AREA 2227N Ø7935W

NO APPARENT CHANGE IN FACILITIES.

MAIN CAMP — AT LEAST 218 UNIDENTIFIED VEHICLES AND

AT LEAST 40 UNIDENTIFIED PIECES OF EQUIPMENT.

THE THREE 6-GUN AAA SITES APPEAR UNOCCUPIED.

CAMP 0.8 NM NW — NO APPARENT CHANGE IN FACILITIES.

SCATTERED CLOUDS LIMIT INTERPRETATION.

25X1D

25X1A

ALTO CEDRO MILITARY CAMP 2029N 07600W

AREAS 1, 2 AND 4-10 -- NO APPARENT CHANGE IN FACILITIES.

AREA 1 -- NO VEHICLES OBSERVED.

AREA 2 -- 3 CARGO TRUCKS.

AREA 3 -- FOUR BUILDINGS UNDER CONSTRUCTION. TWO CARGO TRUCKS AND 3 MORTARS.

AREA 4 -- ONE CARGO TRUCK. SIX CARGO TRUCKS AND 5 FA PIECES OBSERVED IN DRIVER TRAINING AREA.

OCCUPIED 6-GUN AAA SITE AT UTM 18QVTØØ4596.

AREA 5 -- 26 CARGO TRUCKS, 12 MORTARS, AND 12 FA PIECES OR MORTARS.

AREA 6 -- 11 CARGO TRUCKS, 5 VAN TRUCKS, ONE UTILITY TRUCK, 2 CARGO TRAILERS, AND 12 FA PIECES.

AREA 7 -- 20 CARGO TRUCKS, 2 VAN TRUCKS, AND 2 OTHER VEHICLES.

AREA 8 -- 27 CARGO TRUCKS, 2 VAN TRUCKS, 2 UTILITY TRUCKS, AND 4 FA PIECES.

AREA 9 -- 30 CARGO TRUCKS, ONE SEDAN, AND 7 POSSIBLE FA PIECES.

AREA 10 -- 13 CARGO TRUCKS.

AMS SERIES E723, SHEET 5077-III, 1ST ED.

25X1D

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25X1A

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CAMAGUEY MILITARY CAMP 2126N Ø7753W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-FIVE CARGO TRUCKS, 16 PROBABLE CARGO TRUCKS,
AND 18 FA PIECES OBSERVED IN CLOUD-FREE AREAS.
SCATTERED CLOUDS LIMIT INTERPRETATION.

25X1D

25X1A

EL CRISTO MILITARY INSTALLATION 2008N 07547W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES. TWENTY-FOUR CARGO TRUCKS AND 6 FA PIECES.

25X1D

25X1A

SANTA FE MILITARY CAMP LUMUMBA 2142N Ø8249W

NO APPARENT CHANGE IN FACILITIES. FIVE UNIDENTIFIED VEHICLES OBSERVED.

25X1D

25X1A

MACAGUA MILITARY CAMP 2050N 07610W

NO VEHICLES OBSERVED. INCOMPLETE COVERAGE.

25X1D

25X1A

JURAGUA MILITARY ACTIVITY 2209N 08035W

NO APPARENT CHANGE IN FACILITIES.
FORTY CARGO TRUCKS, 13 FA PIECES, AND 13 PROBABLE MORTARS OBSERVED.

25X1D

25X1A

HOLGUIN MILITARY CAMP NW 2057N 07616W

NINETEEN TANKS/SP GUNS, 12 CARGO TRUCKS, 12 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND 15 POSSIBLE AAA PIECES OBSERVED.

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25X1D

25X1A

TRINIDAD AREA POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-THREE CARGO TRUCKS, AT LEAST 4 POSSIBLE CARGO
TRUCKS, AND AT LEAST 3 PROBABLE FA PIECES OBSERVED.

CLOUD SHADOW LIMITS INTERPRETATION.

25X1D

25X1A

MINAS MILITARY CAMP 2127N Ø7734W

AT LEAST 20 UNIDENTIFIED VEHICLES OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES.
THIRTY-THREE CARGO TRUCKS AND 3 FA PIECES.
CAMP ONE NM NORTH -- 10 CARGO TRUCKS AND 8 FA PIECES.

25X1D

25X1A

TACAJO MILITARY CAMP 2051N 07558W

AREAS 1 AND 3 -- NOT OBSERVED.

AREA 2 -- AT LEAST 9 UNIDENTIFIED VEHICLES.

AREA 4 -- AT LEAST 20 UNIDENTIFIED VEHICLES AND
15 POSSIBLE FA PIECES.

AREAS 5 AND 6 -- CLOUD COVERED.

AREA 7 -- AT LEAST 22 UNIDENTIFIED VEHICLES.

25X1D

25X1A

DOS CAMINOS MILITARY CAMP 2014N 07547W

NO APPARENT CHANGE IN FACILITIES. SEVENTEEN TRACKED PRIME MOVERS, 116 CARGO TRUCKS, 8 UTILITY TRUCKS, 6 UNIDENTIFIED PIECES OF EQUIPMENT.

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80 FA PIECES, AND 6 POSSIBLE FA PIECES OBSERVED.

25X1D

25X1A

LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES. AT LEAST 11 CARGO TRUCKS, 4 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND 12 FA PIECES OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

SANTA FE MILITARY AREA 2144N Ø8247W

ALL AREAS -- NO APPARENT CHANGE IN FACILITIES. MAIN CAMP -- 16 CARGO TRUCKS AND AT LEAST 10 FA PIECES. CAMP 1.5 NM WNW -- 5 CARGO TRUCKS AND ONE UTILITY TRUCK. THE 6-GUN AAA SITE REMAINS OCCUPIED. CAMP 4.8 NM NW -- AT LEAST 19 CARGO TRUCKS AND 6

PROBABLE AAA PIECES.

25X1D

25X1A

LA VEGA MILITARY CAMP 2053N 07552W

NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS. NO VEHICLES OR MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

HEREDIA MILITARY CAMP 2134N Ø78ØØW

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES. SEVENTEEN TANKS/SP GUNS AND 10 PROBABLE CARGO TRUCKS. CAMP Ø.5 NM NE -- CLOUD COVERED.

25X1D

25X1A

LA PELUDA STORAGE AREA 2019N 07548W

NO APPARENT CHANGE IN FACILITIES.

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THREE CARGO TRUCKS AND 2 OTHER VEHICLES OBSERVED.

25X1D

25X1A

PUERTO PADRE MILITARY AREA 2111N Ø7639W

FIVE CARGO TRUCKS AND 4 OTHER VEHICLES OBSERVED. CONSTRUCTION CONTINUES.

25X1D

25X1A

CUABITAS MILITARY CAMP 2003N 07548W

NO APPARENT CHANGE IN FACILITIES.
TWELVE CARGO TRUCKS, ONE POSSIBLE CARGO TRUCK, AND
5 OTHER VEHICLES OBSERVED.

25X1D

25X1A

PLAYA YATERITAS LANDING BEACH 1958N Ø7457W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

25X1A

PLAYA COLOMBO LANDING BEACH 2154N Ø8246W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

25X1A

PLAYA DE FLAMENCOS LANDING BEACH 2153N Ø8243W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE . SINCE LAST COVERAGE--

25X1A

ENSENDIA III IIDADO I AMBINIC DEACH	22Ø2N 22Ø2N	Ø7618W Ø8Ø36W Ø8Ø25W Ø7533W
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THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED—

25X1A

SAGUA LA GRANDE MRBM SITE 2	2239N Ø7951W
LOS ANGELES SAM SITE	2100N 07541W
MATA SAM SITE	2235N Ø7955W
CAMILO CIENFUEGOS AIRFIELD	2229N Ø7955W
CAMAGUEY EW/GCI RADAR SITE	2121N Ø7751W
SANTA CLARA EW/GCI RADAR SITE	2229N Ø7956W
CIEGO DE AVILA EW/GCI RADAR SITE LA GRANJA SANTIAGO DE CUBA EW/GCI RADAR SITE	
SANTA FE EW/GCI RADAR SITE	1959N Ø7551W
LA SOCAPA LOW-SIEVE RADAR SITE	2139N Ø8245W
ANTON RECIO MILITARY INSTALLATION	1958N Ø7552W
SIBONEY LANDING BEACH	2211N Ø8Ø36W
MAR VERDE LANDING BEACH	1957N Ø7542W
The second second	1957N Ø7557W

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